



REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles

All 1977 Models (37,500 Mile Intervals)

Customer: _____

Work Order No.: _____

Address: _____

License No.: _____

City & State: _____

Mileage: _____

Zip Code or Province: _____

Time Promised: _____

Maintenance Work to be Performed:

- MB Maintenance Service (three sections) with engine oil change and oil filter service.
Oil: Brand-Viscosity _____

**Additional Maintenance Work to be Performed
Every 37,500 Miles:**

- Radiator Coolant: _____ °F
FILL/DRAIN/CHECK. Add rust inhibitor.
Change every other year.
- Drain and renew brake fluid. (once a year, preferably in Spring). Use only specified brake fluid.

**M-B Individual Maintenance Jobs
Performed as Needed:**

- Section I: Lubrication Service
Engine oil change with oil filter service.
Oil: Brand-Viscosity _____
- Section II: Engine Testing:
Engine maintenance.
- Section III: Safety Inspection.

Special Maintenance Work Performed at Extra Cost:

- Sliding Roof: Clean guide channels and lubricate lightly.
- Lighting System: Check headlights and aim.
- Battery: Clean housing and terminals; grease terminals lightly.
- Car wash.
- Wax and Polish.
- Clean Engine and Engine Compartment; lubricate all control linkages.

Special Instructions from Customer:

Visual Inspection: Check For Leakage and General Condition.

- | | | | |
|---------------------------------------|--|---|--|
| <input type="checkbox"/> Engine | <input type="checkbox"/> Rear Axle | <input type="checkbox"/> Front Axle | <input type="checkbox"/> Undercarriage |
| <input type="checkbox"/> Steering | <input type="checkbox"/> Brakes | <input type="checkbox"/> Tires | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System | <input type="checkbox"/> Hydropneumatic System |

Result: _____

Section I: Lubrication Service with Oil Filter Change

240D-300D
230 280E 280 SE 450-AII
6.9 Oil Change

151 Engine oil with filter change.

Inspection for Leaks and Condition

038 Heating & cooling system.

240D-300D
230 280E 280 SE 450-AII
6.9

041 Fuel hoses and pipes.
 045 Clutch operating mechanism
510 (240 D only).

086 Hydropneumatic springs

(continued)

240D-300D	230	280E	280 SE	450-AII	6.9	Check Fluid Level and Replenish (Check for leakage).	240D-300D	230	280E	280 SE	450-AII	6.9	Body and Chassis Lubrication
<input type="checkbox"/>	120 Automatic transmission.	<input type="checkbox"/>	393 Door locks and hinges.										
<input type="checkbox"/>						121 Manual transmission (240 D only).	<input type="checkbox"/>	395 Hood.					
<input type="checkbox"/>						139 Hydropneumatic system.	<input type="checkbox"/>	375 Outside rear view mirror.					
<input type="checkbox"/>	130 Rear axle.	<input type="checkbox"/>	415 Engine control linkages, control shafts and cables										
<input type="checkbox"/>	134 Power steering.							Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.					
<input type="checkbox"/>	465 Windshield washer system.												
<input type="checkbox"/>	484 Air conditioning.												
<input type="checkbox"/>	700 Brake system.	<input type="checkbox"/>	492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.										
<input type="checkbox"/>						788 Stromberg carburetor.							
<input type="checkbox"/>	821 Battery.												
<input type="checkbox"/>	990 Radiator.												
<input type="checkbox"/>	350 Door hinges.												

Section II : Electronic Engine Test and Engine Maintenance

240D-300D	230	280E	280 SE	450-AII	6.9	Mechanical	240D-300D	230	280E	280 SE	450-AII	6.9	
<input type="checkbox"/>	753 Adjust valve clearances.	<input type="checkbox"/>						773 Replace distributor points.					
<input type="checkbox"/>	202 Clean filter element; replace every 37,500 miles.	<input type="checkbox"/>						782 Check and adjust dwell angle, ignition timing and ignition changeover.					
<input type="checkbox"/>	762 Clean flame arrester.	<input type="checkbox"/>	832 Analyze engine with oscilloscope.										
<input type="checkbox"/>	757 Check all drive belt tension and condition.	<input type="checkbox"/>						797 Check and adjust engine idle speed control.					
<input type="checkbox"/>						785 Exhaust manifold heater flap. Check for free movement and free up as required (Engine M 115 only).	<input type="checkbox"/>	798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).					
<input type="checkbox"/>	770 Replace spark plugs.	<input type="checkbox"/>	895 Check alternator fastening bolt for tightness.										
<input type="checkbox"/>	772 Check ignition timing and ignition change-over.												
<input type="checkbox"/>						787 Check start of delivery.							
<input type="checkbox"/>	813 Throttle control linkage: check for ease of movement.												

Section III : Safety Check

240D-300D	230	280E	280 SE	450-AII	6.9		240D-300D	230	280E	280 SE	450-AII	6.9	
<input type="checkbox"/>	025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.	<input type="checkbox"/>	707 Brake pads: remove, clean, check and replace if necessary.										
<input type="checkbox"/>	983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.	<input type="checkbox"/>	703 Brake calipers: check for leakage and piston action. check condition of dust shield.										
<input type="checkbox"/>	982 Tires: check tire tread wear and other tire damage.	<input type="checkbox"/>	709 Brake discs: check condition										
<input type="checkbox"/>	987 Correct tire air pressure.	<input type="checkbox"/>	708 Brake discs: Clean ventilating passages.										
<input type="checkbox"/>		<input type="checkbox"/>	009 Parking brake: Check brake cable action.										

(continued)

240D-300D
 230 280E 280 SE 450-AII
 6.9

- 706 Parking brake: re-adjust.
- 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars.
- 3353 (M.M. Vol. 2) Check ball joints for looseness
- 029 Steering: check for sealing and condition of sealing collars and steering rods.

Retightening of Nuts, Bolts, and Retaining Parts

- 924 Steering gear mounting screws (3).
- 988 Wheel bolts.
- 099 Check function of:
 - _____ Headlight, rear lights and stop light.
 - _____ Directional signals: Hazard warning lights.
 - _____ Windshield wiper, windshield washer.
 - _____ Heating and ventilation.

Maintenance

Additional Maintenance Work to be Performed Every 37,500 Miles

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 230 280E 280 SE 450-AII
 6.9

Oil Change

- 170 Automatic transmission oil change.

Filter Replacement or Cleaning

- 174 Automatic transmission: replace filter element.

- 202 Air filter element: replace.

- 840/847 Fuel filter: Clean strainer, replace filter.

- 845 Fuel main filter: Clean filter element and filter housing.

- 844 Fuel pre-filter: check.

Lubrication

- 388 Front wheel grease caps: clean and refill with new grease.

- 631 Repack front wheel bearings; check roller bearings.

240D-300D
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240D-300D
 098 Road test or dynamometer
 _____ Clutch.
 _____ Manual transmission.
 _____ Automatic transmission.
 _____ Air conditioner.

- 097 Brake test on test stand/road.

- 020 Sealed joints of the hydropneumatic suspension struts: Check for leaks and condition of rubber boots.

Tire tread depth and brake performance

Front—Left	Front—Right		
IN.	KP	IN.	KP
Rear—Left	Rear—Right		
.IN.	KP	IN.	KP

240D-300D
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Tightening of Nuts and Bolts

- 871 Intake and exhaust manifold nuts and exhaust flange bolts.

- Exhaust pipe flange only.
- 876 Carburetor mounting flange screws.

Checking

- 501 Check clutch lining thickness (manual transmission only). (240 D only).
- 625 Check front wheel toe-in.
- 030 Check propeller shaft joint discs for wear or damage.
- 628 Check pressure reservoirs of hydropneumatic springs.

240D-300D
 230 280E 280 SE 450-AII
 6.9

240D-300D
 767 Replace catalyst some time after 50,000 miles, if required; Engine M 110 at 37,500 miles and after 50,000 miles, if required.